



PARAMETER	PERFORMANCE
Technology	VOx Microbolometer 384x288 or 320x240 (configurable)
Array Format	
Pixel Pitch	25 $\mu$ m
Spectral Bandwidth	8-14 $\mu$ m
Pixel Operability	99%
Maximum Frame Rate	50 Hz for 384 x 288 60 Hz for 320 x 240
Voltage	5 Volts Max
Power Dissipation (excluding TEC)	220 mW for 384 x 288 180 mW for 320 x 240
Output Range	2.5 $\pm$ 1.75 Volts
Output Mode	Single-Ended
Intra-scene Dynamic Range @ f/1	> 100 K
Signal Responsivity @ f/1	> 15 mV/K
NETD @300K scene, f/1, 50 Hz	< 50 mK

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Raw offset Non-Uniformity	< 100 mV p-p (on chip coarse NUC)
Video Outputs	Single
FPA Temperature sensor	On chip
Ambient temperature	-40C to + 70C
FPA temperature	-35C to +65C
Vacuum integrity	> 15 years
Package sensor weight	20 gr.